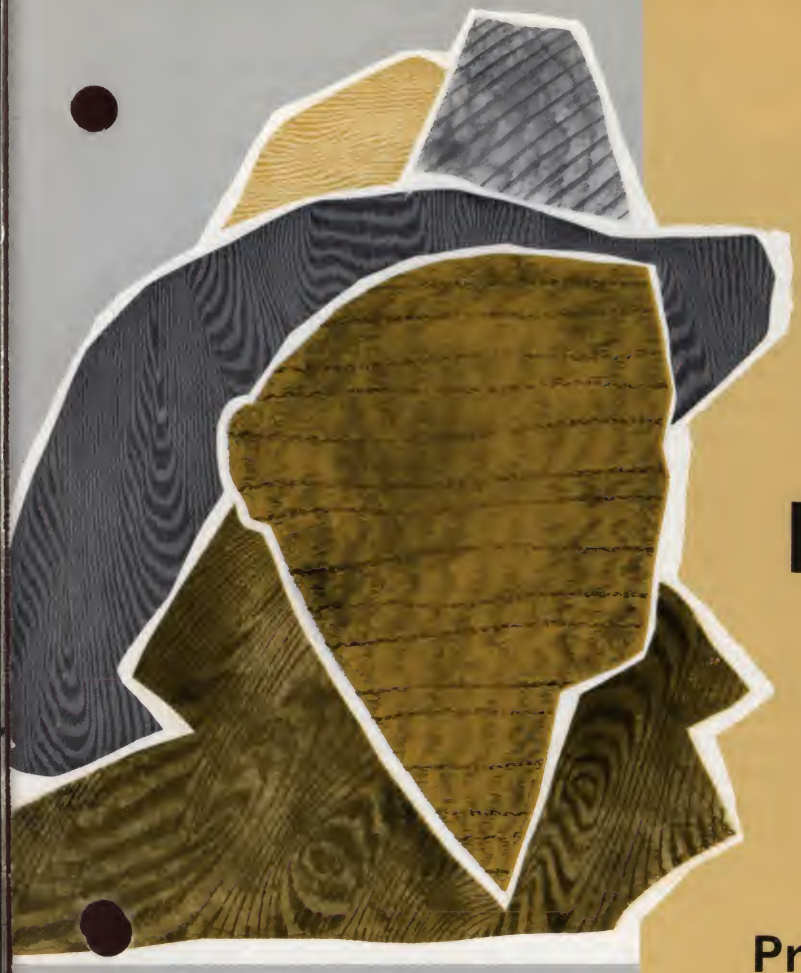


BAXCO Fire-Protected Wood—"The Silent Fireman"®

BAXCO

FIRE-PROTECTED LUMBER AND PLYWOOD

Pressure Treated with Pyresote

Resistant to FIRE AND FLAME SPREAD TERMITES, INSECTS AND DECAY

BAXCO Pyresoted wood products are easily identified by these two UNDERWRITERS' LABORATORIES, INC. labels attached to each piece of plywood or lumber.

BAXCO
Fire Retardant
PYRESOTE-TREATED
DOUGLAS FIR, PLAIN OR MAHOGANY — FACED
PLYWOOD
J. H. Baxter & Co., 120 Montgomery St., San Francisco 4, Cal.

Underwriters' Laboratories, Inc.®
INSPECTED
PLYWOOD
ISSUE NO. R340
FIRE HAZARD CLASSIFICATION
(BASED ON 100 FOR UNTREATED OAK)

FLAME SPREAD	15
FUEL CONTRIBUTED	25-30
SMOKE DEVELOPED	0-15

SAMPLE

REGISTERED STATE OF CALIFORNIA STATE FIRE MARSHAL FLAME RETARDANT (F-61)

Underwriters' Laboratories, Inc.®
INSPECTED
TREATED LUMBER
ISSUE NO. 26
FIRE HAZARD CLASSIFICATION
(BASED ON 100 FOR UNTREATED RED OAK)

	*DOUGLAS FIR	HEMLOCK
FLAME SPREAD	25	15-25
FUEL CONTRIBUTED	25-30	25-30
SMOKE DEVELOPED	0	0-10

*FLAME SPREAD NOT OVER 25 AND NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION IN 30 MINUTE TEST DURATION.

"BAXCO"
FIRE-RETARDANT
PYRESOTE-TREATED
J. H. BAXTER CO.
120 MONTGOMERY ST.
SAN FRANCISCO, CALIFORNIA

SAMPLE

BAXCO Fire-Protected Lumber and Plywood expands the uses of wood for structural and decorative purposes by its performance when exposed to fire. Tests, classifications and approvals are detailed on the following pages.

J. H. BAXTER & CO.
SAN FRANCISCO, CALIFORNIA

Specify BAXCO Fire Protected LUMBER and PLYWOOD

WHAT IS BAXCO-PYRESOTED WOOD?

It is lumber or plywood that has been pressure impregnated with inorganic fire retardant chemicals. The chemicals are forced deep into the wood under high pressure; they are inert and non-volatile and will remain in the wood indefinitely when installed according to manufacturers' recommendations.

HOW DOES IT REDUCE FIRE HAZARDS?

By retarding flame-spread in lumber and plywood; by reducing fuel contribution and smoke density; and by ceasing to burn when the ignition source is removed. With these advantages BAXCO fire-protective treatment provides an additional interval of time for occupants to escape burning buildings, minimizes the possibility of panic, reduces property and contents losses.

IS BAXCO FIRE-PROTECTED WOOD LABELED BY UNDERWRITERS' LABORATORIES, INC.?

Yes. An Underwriters' Laboratories, Inc. label showing flame-spread and other pertinent information is affixed to each piece of BAXCO-Pyresoted lumber or plywood. The Fire-Hazard Classification ratings assigned to BAXCO products easily meet the requirements of most building codes. Baxter facilities for fire-protective pressure treatment are under Underwriters' Laboratories, Inc. continuous factory inspection and label service, thus assuring the buyer of uniform high quality and protection.

IS BAXCO-PYRESOTED WOOD THOROUGHLY TESTED?

A number of tests have been developed over a period of many years for evaluating the effectiveness of fire-protective pressure treatment. These tests include:

1. Crib Test (ASTM-E160)
2. Fire Tube Test (ASTM-E69)
3. Fire Hazard Classification Test No. 723, commonly called the Tunnel Test, and developed by Underwriters' Laboratories, Inc.

Results of these tests determine the fire hazard classification of certain building materials. BAXCO fire-protected lumber and plywood meet these requirements.

HOW CAN BAXCO FIRE-PROTECTED LUMBER AND PLYWOOD EXPAND WOOD USES?

It is useful wherever limited flammability is desired or required. Because it is less combustible, BAXCO-Pyresoted material may be used in many places where untreated wood is forbidden by building regulations. Architects and engineers may incorporate the utmost in safety, comply with building code requirements, and utilize the natural beauty and warmth of wood by designing with BAXCO Fire-Protected wood.

For decorative purposes all the advantages of wood may be retained, at low cost, by veneer-core (plywood) construction. With this method an untreated finished face of any species is glued to a fire-protective treated core. Treated cores with untreated faces are permitted by most code enforcement authorities.

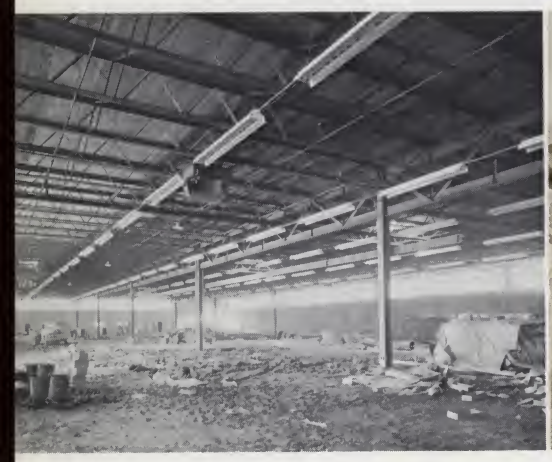
HOW CAN BAXCO-PYRESOTED WOOD REDUCE INSURANCE RATES?

BAXCO Fire-Protected Douglas Fir lumber has qualified for insurance rate reduction by successfully passing the Underwriters' Laboratories, Inc. requirements for a fire hazard flame-spread classification of 25 or less, and with evidence of no significant progressive combustion when subjected to tests of 30-minute duration.

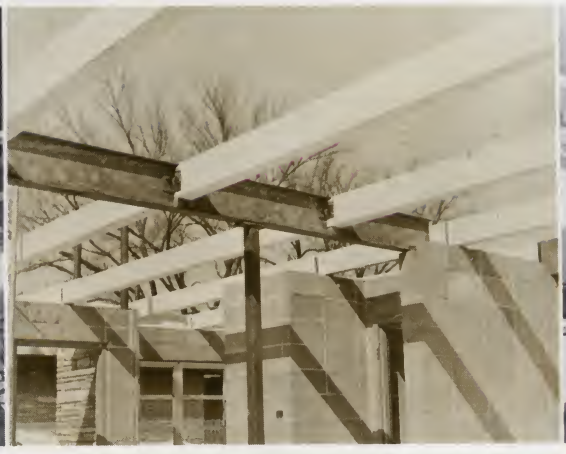
As a result, BAXCO-Pyresote fire-protected pressure treated Douglas fir is classed as incombustible in certain instances by a large number of insurance groups throughout the United States. For specific rate reduction, consult rating bureaus in your vicinity.

HOW DOES BAXCO-PYRESOTED WOOD GIVE 3-WAY PROTECTION?

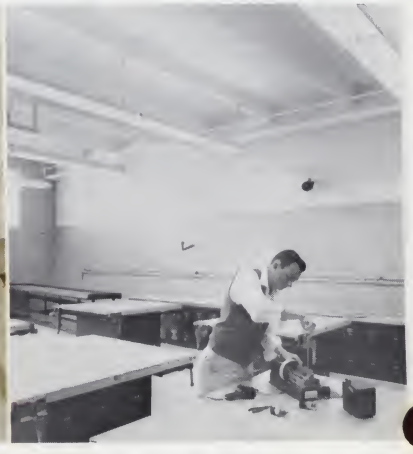
In addition to its approved fire-protective qualities, the BAXCO-Pyresote formulation will successfully resist damage caused by termites and other insects, as well as decay-producing fungi.



About 1¼ acres — 56,000 square feet — of BAXCO fire-protected roof decking were installed in this recently completed corrugated box plant, owned by International Paper Co., Omaha, Nebraska. The BAXCO Pyresoted lumber complied with building codes and qualified for a non-combustible insurance rate.

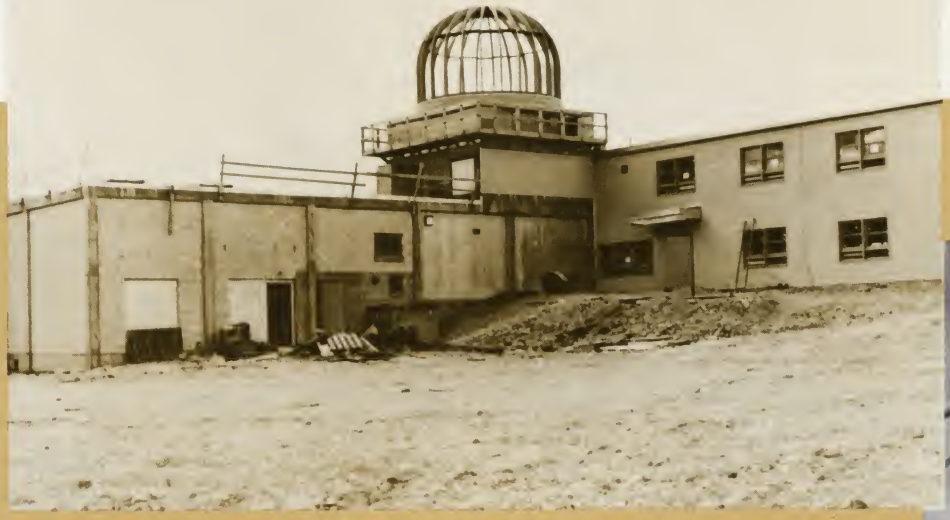


In designing the Medical Village, Springfield, Mo., architect Richard P. Stahl specified "BAXCO fire-protected" supporting beams. This resulted in a non-combustible insurance rate.



To reduce fire danger in the shop building of the Redwood High School, Larkspur, Calif., 52,000 board feet of 2 x 6 T. & G. roof decking, pressure treated with BAXCO Pyresote, was used. Architects were Gromme, Mulvin & Priestley, San Rafael, Calif.

BAXCO Fire-Protected WOOD



A United States Army Nike missile site in Fairbanks, Alaska, area. Thousands of feet of BAXCO Pyresoted Douglas fir lumber and plywood protect many such remote installations from fire hazard.

The flooring on this conveyor gallery, in a Michigan iron ore mine, was built of BAXCO Pyresote pressure treated 2" and 3" Douglas fir to give complete fire protection.

STATEMENTS FROM USERS

Writes Richard P. Stahl, AIA, Springfield Mo.: "On our job for the new Medical Village in Springfield, Missouri, we were advised by the Missouri Inspection Bureau that a penalty would be assessed on the insurance rate on the job if we installed structural timbers to support our roof deck as we had originally planned.

After analyzing the situation, we found that the additional cost of fire-protected beams could be readily paid by the savings in insurance premiums on the project. We feel that by this substitution we have provided our client with a better building at a lower ultimate cost.

Very truly yours,

(Signed) Richard P. Stahl"

C. W. Knoll, Roof Structures, Inc., Webster Groves, Missouri, installed the BAXCO-Pyresote treated Lamella roof in the gymnasium building of the Mt. Vernon High School, Mt. Vernon, Indiana. He comments: "Such fire-protection treated Lamella roof meets the requirements of the Rating Bureau for non-combustible classification of heavy timbers, thus affording reduction in fire insurance rate."

This BAXCO Pyresoted core floor protects millions of dollars worth of IBM data processing machines against fire hazard. The BAXCO fire-protected plywood used in the floor of IBM's new Los Angeles headquarters meet local building code requirements. The fire-protected BAXCO core, covered with vinyl tile, also gives protection against termites, insects or damage by fungus rot.

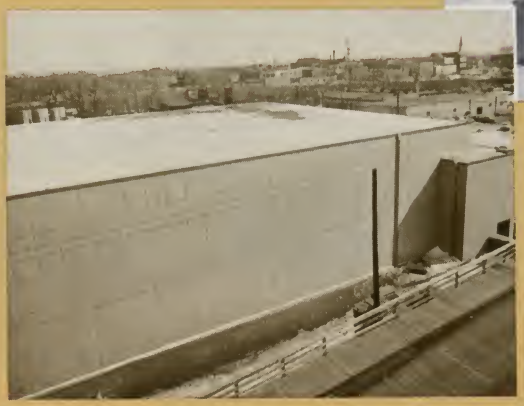
In connection with installation of one of the world's largest cold storage warehouses, recently completed in Minneapolis by Masterfreeze Corp., E. F. Anderson, president of the concern had this to say: "For many years we were limited in certain areas so far as Masterfreeze prefab cold storage buildings were concerned inasmuch as we could not meet fire regulations. It was after meeting with the chief building inspector of the city of Minneapolis that we came to the conclusion we could meet their specifications so far as fire hazard was concerned by using plywood treated with your product . . . The regulation stated that any material that did not exceed a flame test of over 20 would be considered non-combustible. Inasmuch as the plywood you furnished us had a flame test of 15, we meet their requirement very easily . . ."

Unusual beauty and warmth is achieved by the use of Brazilian rosewood in the offices of the Empire Trust Co., New York City. Although New York's fire code is exacting, this untreated veneer-face, with BAXCO Pyresoted core, meets requirements. Architects were Kahn & Jacobs, New York City.

WHERE TO SPECIFY BAXCO-PYRESOTED PRODUCTS

Interior decorative plywood / Roof decks
Supports / Structural beams
Plaster grounds / Door frames
Floors / IBM Computer floors

Use in: Schools, hospitals, auditoriums, commercial and industrial buildings, warehouses, etc.



This king-size cold storage warehouse manufactured by Masterfreeze Corp., Sister Bay, Wisconsin, and sold exclusively by Armstrong Contracting and Supply Corp. is built of metal clad Pyresoted plywood panels which met local building requirements.

Specifications

DOUGLAS FIR LUMBER

Glue laminated members limited to 48" in overall depth, 132' in length

Douglas fir lumber shall be fire-retardant pressure treated with BAXCO-Pyresote in accordance with Underwriters' Laboratories, Inc. requirements for flame spread not over 25 and no evidence of significant progressive combustion in 30-minute test duration. Each piece of lumber is to bear an Underwriters' Laboratories, Inc. label. After treatment all 1" and 2" lumber shall be kiln-dried to a maximum moisture content of 18%. (A lower moisture content may be specified for clear lumber or special uses. Lumber thicker than 2" is to be kiln-dried sufficiently to remove most or all of the water injected during treatment.)

Specifications

WEST COAST HEMLOCK

Limited to 2" or lesser thickness

West Coast hemlock lumber shall be fire-retardant pressure treated with BAXCO-Pyresote in accordance with Underwriters' Laboratories, Inc. requirements for a flame spread of 15-25. Each piece of lumber is to bear an Underwriters' Laboratories, Inc. label. After treatment all 1" and 2" lumber shall be kiln-dried to a maximum moisture content of 18%. (A lower moisture content may be specified for clear lumber or special uses.)

Specifications

DOUGLAS FIR, PLYWOOD — PLAIN OR MAHOGANY FACED

Any thickness

Plywood shall be exterior Douglas fir (plain or mahogany faced) fire-retardant pressure treated with BAXCO-Pyresote in accordance with Underwriters' Laboratories, Inc. requirements for a flame spread of 15. Each piece of plywood is to bear an Underwriters' Laboratories, Inc. label. After treatment the plywood is to be kiln-dried to a maximum moisture content of 18%. (A lower moisture content may be specified when necessary.)

characteristics and advantages of

BAXCO-PYRESOTE

fire-protection plus protection against decay and termites

BAXCO-Pyresote is not recommended for outside use or for installation in wet-process industrial application, subject to induced high humidity unless properly sealed on all sides and edges.

Pyresote treated wood products should be stored in dry covered storage. Do not expose to wet or damp storage to avoid subsequent painting problems.

	DOUGLAS FIR LUMBER	PLAIN OR MAHOGANY-FACED DOUGLAS FIR PLYWOOD	REMARKS
Is deep penetration achieved through pressure treatment?	Yes	Yes	A century of experience has proved the effectiveness of pressure treatment
Is BAXCO-Pyresote fire-retardant treatment clean, odorless, colorless?	Slight yellowish brown discoloration.	Slight yellowish brown discoloration.	Portion of these products adjacent to separators for kiln-drying show an additional discoloration
Can BAXCO fire-retardant wood products be painted like untreated wood?	Yes	Yes	
Can BAXCO fire-retardant wood products be stained like untreated wood?	No	No	Staining will not cover discoloration caused by separators during kiln-drying
What are the flame-spread ratings by Underwriters' Laboratories, Inc.?	25	15	Underwriters' Laboratories, Inc. label giving flame-spread rating is affixed to each piece of plywood or lumber
What other protection does BAXCO-Pyresote pressure treatment offer?	Protection against termites and decay as well as against fire	Protection against termites and decay as well as against fire	
Are BAXCO fire-retardant materials kiln-dried after treatment?	Yes	Yes	See specification data

J. H. BAXTER & CO.

Main Office: 120 Montgomery Street, San Francisco 4, California

Sales Offices: Los Angeles, California / Portland, Oregon / Omaha, Nebraska / Minneapolis, Minnesota

Affiliate: Baxter-Wyckoff Company, Seattle, Washington

Specifications

DOUGLAS FIR LUMBER

Glue laminated members limited to 48" in overall depth, 132' in length

Douglas fir lumber shall be fire-retardant pressure treated with BAXCO-Pyresote in accordance with Underwriters' Laboratories, Inc. requirements for flame spread not over 25 and no evidence of significant progressive combustion in 30-minute test duration. Each piece of lumber is to bear an Underwriters' Laboratories, Inc. label. After treatment all 1" and 2" lumber shall be kiln-dried to a maximum moisture content of 18%. (A lower moisture content may be specified for clear lumber or special uses. Lumber thicker than 2" is to be kiln-dried sufficiently to remove most or all of the water injected during treatment.)

Specifications

resote in
of 15-25.
tment all
moisture

Specifications

pressure
irements
ies, Inc.
of 18%.

characteristics and advantages of

BAXCO-PYRESOTE

fire-protection plus protection against decay and termites

BAXCO-Pyresote is not recommended for outside use or for installation in wet-process industrial application, subject to induced high humidity unless properly sealed on all sides and edges.

Pyresote treated wood products should be stored in dry covered storage. Do not expose to wet or damp storage to avoid subsequent painting problems.

treatment offer?	well as against fire		
Are BAXCO fire-retardant materials kiln-dried after treatment?	Yes	Yes	See specification data

ience has
veness of
it

roducts
tors for kiln-
ditional

over dis-
by separators

oratories, Inc.
-spread
each piece
ber

J. H. BAXTER & CO.

Main Office: 120 Montgomery Street, San Francisco 4, California

Sales Offices: Los Angeles, California / Portland, Oregon / Omaha, Nebraska / Minneapolis, Minnesota

Affiliate: Baxter-Wyckoff Company, Seattle, Washington